



NAVY CRANE CENTER



NAVY WEIGHT HANDLING PROGRAM ASHORE LANTDIV OICC/ROICC CONFERENCE

February 2002



1997 - NAVSTA SAN DIEGO
CONTRACTOR CRANE FELL OFF FLIGHT DECK OF USS TARAWA



**1997 - NAS NORTH ISLAND
CONTRACTOR CRANE OVERLOADED**



1998 - NAVSHIPYD NORFOLK

200-TON CONTRACTOR CRANE OVERTURNED WHILE TRAVELING



1999 - GUAM

CONTRACTOR CRANE OVERTURNED NEAR SCHOOL



2000 – NAS NORTH ISLAND
CONTRACTOR MOBILE CRANE BOOM DROP



2000 – NORFOLK NAVAL BASE
CONTRACTOR FLOATING CRANE BOOM DROP



2001 – NAWS CHINA LAKE
CONTRACTOR CRANE COLLAPSED BOOM



2001 – NORFOLK NAVAL BASE
100-TON CONTRACTOR FLOATING CRANE BOOM DROP



**2001 – CRANEY ISLAND FUEL DEPOT
CONTRACTOR CRAWLER CRANE OVERTURNED**



**2002 – NORFOLK NAVAL BASE
CONTRACTOR CRANE FELL OFF BARGE**



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History

- Chartered by NAVFAC (April 1991)
- Assigned Maintenance Management and Oversight of PWC Crane Program (March 1993)
- Assigned Navy-Wide Crane Management Responsibilities by NAVFAC (March 1994)
- Assigned Service Craft Program Management (June 1995)
- Assigned Rigging Management and Training Responsibility (October 1996)
- SECNAV Instruction Expanded Scope and Clarified Authority (September 1997)



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SECNAVINST 11260.2

Navy Weight Handling Program for Shore Activities

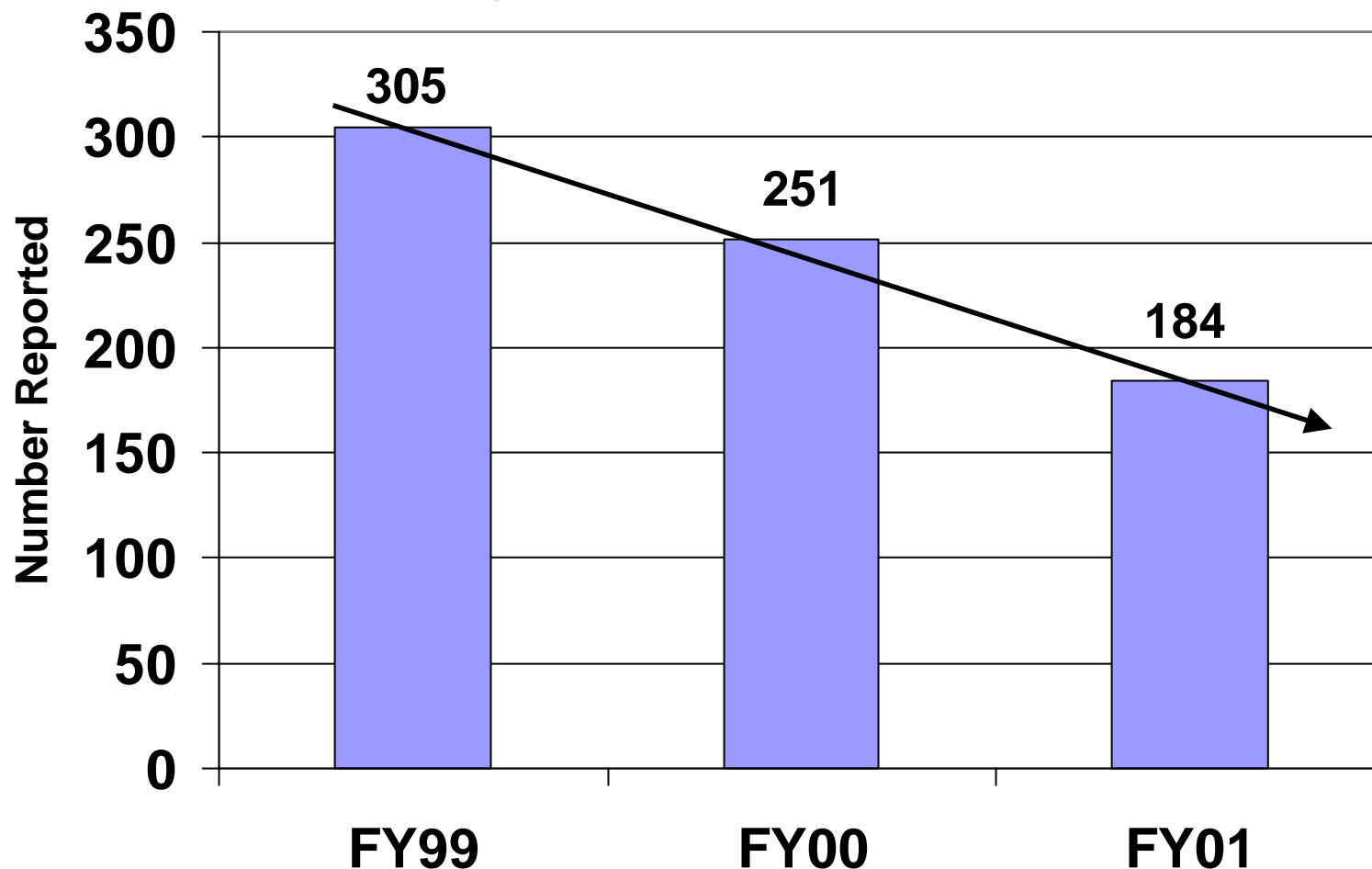
- **Assigns NAVFAC Responsibility for Direction and Oversight of All Matters Pertaining to the Navy's WHE Program at Shore Activities**
- **Assigns Systems Command Commanders and Major Claimants the responsibility to Ensure Contractor Crane Operations at Navy Shore Activities Meet OSHA Requirements Identified by Referenced DOD and SECNAV Instructions**



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Navy Accident Trend





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Contractor Crane Accidents

- **Complete Data Not Available**
- **Overall Severity of Contractor Accidents Much Greater Than Navy Accidents**
- **Advance Change Notice to P-307 Issued Nov 2001 Requires Contracting Officers to Forward Reports of All Contractor Weight Handling Accidents to NCC and the Host Activity REGARDLESS OF SEVERITY!!**



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Contractor Operated Cranes

- **Host Activity Commanding Officer Ultimately Responsible**
- **NAVFAC P-307 Minimum Requirements are:**
 - A. Comply with Activity Specific Controls and Applicable ASME Standards;**
 - B. Certificate of Compliance that Crane and Rigging Gear Meet Applicable OSHA Regulations;**
 - C. For Mobile Cranes 25 Tons or More, Proof of Qualification (Union, State License, Third Party Qualification) for Operator Shall be Provided;**
 - D. Certify Crane Operator is Qualified for Operation of the Crane to be Used;**
 - E. Critical Lift Plan for Certain Types of Lifts;**
 - F. Accident Report for All Weight Handling Accidents;**
 - G. For NAVFAC Construction Contracts, COE EM 385-1-1 and NAVFAC Guide Spec NFGS-01525 Apply**



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Contracting Officer Responsibilities

- **Shall Include at Least NAVFAC P-307 Minimum Requirements in All Contracts**
- **Ensure Compliance with Contract Requirements**
- **Provide Oversight of Contractor Crane Operations**
- **Provide Oversight of Contractor Accident Investigations and Corrective Actions**
- **Ensure Accident Reports are Submitted to NCC and Host Activity for All WHE Accidents**



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Host Activity Responsibilities

- **Ensure Contracts Contain Applicable Provisions**
- **Concur with Contracting Officer's Oversight Plan**
- **Ensure Oversight Plan is Carried Out**
- **Oversee Contractor Accident Investigations and Corrective Actions**



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Tools Available to ROICC

- **Contract Safety Requirements, Section 01525N**
- **LANTDIV ROICC Crane QA/QC Procedures Manual**
- **Local Resources**
 - **PWC/PWD**
 - **Shipyard**
 - **NCC**
- **EM 385-1-1**
 - **Activity Hazard Analysis Process**



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Formula for Success

**Properly Designed
and Maintained
Equipment**



+

**Properly Trained
Personnel**



+

Continuous ORM

ORM

Identify

Supervise

Assess

Implement
Controls

Decide



**Safe and Reliable
Weight Handling
Operations**



=

**Through Continuous Improvement,
We Achieve:**

- **Effective Resource Utilization**
- **Fewer Accidents**
- **Improved Fleet Support**



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Points of Contact

- **Norfolk NCCR Office: Floyd Jolley (757) 396-1771**
- **Portsmouth, NH NCCR Office: Mark Gray (207) 438-4618**
- **NCC Headquarters: John Hancher (610) 595-0951**
- **NAVFAC P-307 on Web: <http://ncc.navfac.navy.mil/>**



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Bottom Line

Safety First!!

Stopping to Ensure Safety Improves Progress!!